



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, DC 20555 - 0001

September 15, 2005

SCHEDULE AND OUTLINE FOR DISCUSSION
526th ACRS MEETING
OCTOBER 6-8, 2005

**THURSDAY, OCTOBER 6, 2005, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,
ROCKVILLE, MARYLAND**

- 1) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (GBW/JTL/SD)
1.1) Opening statement
1.2) Items of current interest
- 2) 8:35 - 10:00 A.M. Interim Review of the License Renewal Application for the Browns
Ferry Nuclear Plant, Units 1, 2, and 3 (Open) (MVB/CS)
2.1) Remarks by the Subcommittee Chairman
2.2) Briefing by and discussions with representatives of the
Tennessee Valley Authority and the NRC staff regarding
the license renewal application for the Browns Ferry
Nuclear Plant, Units 1, 2, and 3 and the NRC staff's Safety
Evaluation Report with Open Items.
- 10:00 - 10:15 A.M. ***BREAK*****
- 3) 10:15 - 11:45 A.M. Proposed Recommendations for Resolving Generic Safety Issue
(GSI)-80, "Pipe Break Effects on Control Rod Drive Hydraulic
Lines in the Drywells of Boiling Water Reactor Mark I and II
Containments" (Open) (JDS/JGL)
3.1) Remarks by the Subcommittee Chairman
3.2) Briefing by and discussions with representatives of the
NRC staff regarding the recommendations proposed by
the NRC Office of Nuclear Regulatory Research for
resolving GSI-80.

Representatives of the nuclear industry and members of the
public may provide their views, as appropriate.

11:45 - 12:45 P.M. *LUNCH*****

- 4) 12:45 - 2:15 P.M. Resolution of ACRS Comments on the Draft Final Regulatory Guide, "Risk-Informed, Performance-Based Fire Protection for Existing Light Water Nuclear Power Plants" (Open) (GEA/JGL)
- 4.1) Remarks by the Subcommittee Chairman
 - 4.2) Briefing by and discussions with representatives of the NRC staff and Nuclear Energy Institute (NEI) regarding the changes made to this Guide and to NEI 04-02, "Guidance for Implementing a Risk-Informed, Performance-Based Fire Protection Program Under 10 CFR 50.48 (c)," in response to the ACRS comments and recommendations included in its June 14, 2005 letter.

2:15 - 2:30 P.M. *BREAK*****

- 5) 2:30 - 4:00 P.M. Davis-Besse Reactor Pressure Vessel Head Integrity Calculations (Open) (JDS/EAT)
- 5.1) Remarks by the Subcommittee Chairman
 - 5.2) Briefing by and discussions with representatives of the NRC staff regarding the expert elicitation and calculations performed for the reactor pressure vessel head integrity of the Davis-Besse Nuclear Power Plant.

Representatives of the nuclear industry and members of the public may provide their views, as appropriate.

4:00 - 4:15 P.M. *BREAK*****

- 6) 4:15 -5:15 P.M. Quality Assessment of the Selected NRC Research Program (Open) (DAP/GEA/JDS/GBW/HPN/EAT/CS/RC)
- 6.1) Remarks by the Subcommittee Chairman
 - 6.2) Discussion of the results of the cognizant ACRS panel's assessment of the quality of the NRC research projects on: Standardized Plant Analysis Risk (SPAR) Models Development Program; Steam Generator Tube Integrity Program at the Argonne National Laboratory; and the Thermal-Hydraulic Test Program at the Penn State University.

5:15 - 5:30 P.M. *BREAK*****

- 7) 5:30 - 7:00 P.M. Preparation of ACRS Reports (Open)
Discussion of proposed ACRS reports on:
- 7.1) Interim Review of the License Renewal Application for the Browns Ferry Nuclear Plant, Units 1, 2, and 3 (MVB/CS)

- 7.2) Proposed Recommendations for Resolving GSI-80, "Pipe Break Effects on Control Rod Drive Hydraulic Lines in the Drywells of Boiling Water Reactor Mark I and II Containments" (JDS/JGL)
- 7.3) Draft Final Regulatory Guide, "Risk-Informed, Performance-Based Fire Protection for Existing Light Water Nuclear Power Plants" (GEA/JGL)

FRIDAY, OCTOBER 7, 2005, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 8) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (GBW/JTL/SD)
- 9) 8:35 - 10:00 A.M. Licensees' Responses to the Bulletin on, "Emergency Preparedness and Response Actions for Security-Based Events" (Open/Closed) (MVB/EAT)
 - 9.1) Remarks by the Subcommittee Chairman
 - 9.2) Briefing by and discussions with representatives of the NRC staff regarding licensees' responses to the Bulletin related to emergency Preparedness and Response Actions for Security-Based Events.

[NOTE: A portion of this session may be closed to protect information classified as national security and safeguards information pursuant to 5 U.S.C. 552b(c) (1) and (3)].

10:00 - 10:15 A.M. *BREAK*****

- 10) 10:15 - 11:15 A.M. NRC Staff's Response to the ACRS Letter on the Proposed Revision 4 to Regulatory Guide 1.82, "Water Sources for Long-Term Recirculation Cooling Following a Loss-of-Coolant Accident" (Open) (VHR/GBW/RC)
 - 10.1) Remarks by the Subcommittee Chairman
 - 10.2) Briefing by and discussions with representatives of the NRC staff regarding the staff's response to the ACRS letter on the Proposed Revision 4 to Regulatory Guide 1.82.

Representatives of the nuclear industry and members of the public may provide their views, as appropriate.

- 11) 11:15 - 12:15 P.M. Format and Content of the NRC Safety Research Program Report to the Commission (Open) (DAP/HPN/SD)
Report by and discussions with the Chairman of the ACRS Subcommittee on Safety Research Program regarding format and content of the ACRS report to the Commission on the NRC Safety Research Program as well as assignments for the ACRS members.

12:15 - 1:15 P.M. *LUNCH*****

- 12) 1:15 - 2:15 P.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (GBW/JTL/SD)
12.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future ACRS meetings.
12.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments.

- 13) 2:15 - 2:30 P.M. Reconciliation of ACRS Comments and Recommendations (Open) (GBW, et al./SD, et al.)
Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.

- 14) 2:30 - 3:00 P.M. Subcommittee Report (Open) (JDS/MVB/JGL)
Report by and discussions with the Chairmen of the ACRS Subcommittees on Plant Operations and Plant License Renewal regarding matters discussed at the September 21, 2005 Subcommittee meeting.

3:00 - 3:15 P.M. *BREAK*****

- 15) 3:15 - 7:00 P.M. Preparation of ACRS Reports (Open)
Discussion of proposed ACRS reports on:
15.1) Interim Review of the License Renewal Application for the Browns Ferry Nuclear Plant, Units 1, 2, and 3 (MVB/CS)
15.2) Proposed Recommendations for Resolving GSI-80, "Pipe Break Effects on Control Rod Drive Hydraulic Lines in the Drywells of Boiling Water Reactor Mark I and II Containments" (JDS/JGL)

- 15.3) Draft Final Regulatory Guide, "Risk-Informed, Performance-Based Fire Protection for Existing Light Water Nuclear Power Plants" (GEA/JGL)
- 15.4) Quality Assessment of Selected NRC Research Projects (DAP/GEA/JDS/GBW/HPN/CS/RC)

SATURDAY, OCTOBER 8, 2005, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 16) 8:30 - 12:00 Noon Preparation of ACRS Reports (Open)
Continue discussion of the proposed ACRS reports listed under Item 15.
- 17) 12:00 - 12:30 P.M. Miscellaneous (Open) (GBW/JTL)
Discussion of matters related to the conduct of Committee activities and matters and specific issues that were not completed during previous meetings, as time and availability of information permit.

NOTE:

- **Presentation time should not exceed 50 percent of the total time allocated for a specific item. The remaining 50 percent of the time is reserved for discussion.**
- **Thirty-Five (35) hard copies and (1) electronic copy of the presentation materials should be provided to the ACRS.**